**Fig. S1**: Quadpod and camera set-up

**Table S1**: Generalised mixed effects model (family = Poisson) results investigating the effects of treatment (empty bait-pot (control) and injured conspecific) and time on the density of sea urchin within 0.5 m of the treatment. Baseline values are control and 12 pm (the first time observation post cue placement).

| Variable | Coefficient | SE | df | t | p |
|---|---|---|---|---|---|
| Intercept | 2.07755 | 0.1677 | 79 | 12.3882 | **<0.001** |
| Treatment: cue | -1.00923 | 0.31944 | 79 | -3.15933 | **0.002** |
| Time: 2pm | -0.00061 | 0.11727 | 79 | -0.00522 | 0.996 |
| Time: 4pm | 0.0294 | 0.15424 | 79 | 0.19062 | 0.849 |
| Time: 5pm | 0.02835 | 0.17759 | 79 | 0.15961 | 0.874 |
| Time: 6pm | -0.06864 | 0.19818 | 79 | -0.34635 | 0.730 |
| Time: 7pm | -0.17637 | 0.21574 | 79 | -0.81748 | 0.416 |
| Time: 8pm | -0.34033 | 0.23504 | 79 | -1.44799 | 0.152 |
| Time: 9pm | -0.38902 | 0.24498 | 79 | -1.58799 | 0.116 |
| Time: 10pm | -0.30634 | 0.24362 | 79 | -1.25745 | 0.212 |
| Time: 12am | -0.35612 | 0.25068 | 79 | -1.4206 | 0.159 |
| Time: 2am | -0.45777 | 0.26112 | 79 | -1.75313 | 0.084 |
| Time: 4am | -0.42251 | 0.26008 | 79 | -1.62453 | 0.108 |
| Time: 6am | -0.48662 | 0.26637 | 79 | -1.82683 | 0.072 |
| Time: 7am | -0.20414 | 0.25427 | 79 | -0.80284 | 0.425 |
| Cue x 2pm | -0.01326 | 0.22745 | 79 | -0.05831 | 0.954 |
| Cue x 4pm | -0.05375 | 0.30184 | 79 | -0.17809 | 0.859 |
| Cue x 5pm | -0.06061 | 0.34883 | 79 | -0.17376 | 0.863 |
| Cue x 6pm | 0.03039 | 0.38419 | 79 | 0.07911 | 0.937 |
| Cue x 7pm | 0.03897 | 0.41934 | 79 | 0.09294 | 0.926 |
| Cue x 8pm | -0.15515 | 0.47923 | 79 | -0.32375 | 0.747 |
| Cue x 9pm | -0.66609 | 0.57692 | 79 | -1.15456 | 0.252 |
| Cue x 10pm | -2.12831 | 0.98638 | 79 | -2.1577 | **0.034** |
| Cue x 12am | -0.99117 | 0.65961 | 79 | -1.50267 | 0.137 |
| Cue x 2am | -1.29563 | 0.7754 | 79 | -1.67092 | 0.099 |
| Cue x 4am | -0.64151 | 0.63526 | 79 | -1.00983 | 0.316 |
| Cue x 6am | -0.35565 | 0.62171 | 79 | -0.57205 | 0.569 |
| Cue x 7am | -1.33549 | 0.78524 | 79 | -1.70074 | 0.093 |

**Table S2**: Generalised mixed effects model (family = binomial) results investigating the effects of treatment (empty bait-pot (control) and injured conspecific) and time on the proportion of exposed sea urchin residing within daytime crevices. Baseline values are control and 4 pm (the first time observation). Interaction terms excluded due to non-significance.

| Variable | Coefficient | SE | df | t | p |
|---|---|---|---|---|---|
| Intercept | -2.88604 | 0.86647 | 1442 | -3.3308 | **0.001** |
| Treatment: cue | -1.24158 | 0.207828 | 1442 | -5.97407 | **<0.001** |
| Time: 5pm | -0.25689 | 1.173663 | 1442 | -0.21888 | 0.827 |
| Time: 6pm | 0.072636 | 1.101448 | 1442 | 0.065946 | 0.947 |
| Time: 7pm | 1.032112 | 0.962991 | 1442 | 1.071777 | 0.284 |
| Time: 8pm | 1.992948 | 0.902958 | 1442 | 2.207132 | **0.028** |
| Time: 9pm | 2.620105 | 0.887217 | 1442 | 2.953175 | **0.003** |
| Time: 10pm | 2.888741 | 0.883324 | 1442 | 3.270308 | **0.001** |
| Time: 11pm | 2.787986 | 0.883822 | 1442 | 3.154467 | **0.002** |
| Time: 12am | 2.845554 | 0.882735 | 1442 | 3.223564 | **0.001** |
| Time: 1am | 2.815599 | 0.882397 | 1442 | 3.190854 | **0.001** |
| Time: 2am | 2.635557 | 0.884558 | 1442 | 2.979518 | **0.003** |
| Time: 3am | 2.509112 | 0.886501 | 1442 | 2.830355 | **0.005** |
| Time: 4am | 2.251253 | 0.889725 | 1442 | 2.530278 | **0.012** |
| Time: 5am | 2.13125 | 0.891037 | 1442 | 2.391876 | **0.017** |
| Time: 6am | 2.14444 | 0.889512 | 1442 | 2.410806 | **0.016** |
| Time: 7am | 1.950485 | 0.885798 | 1442 | 2.201952 | **0.028** |